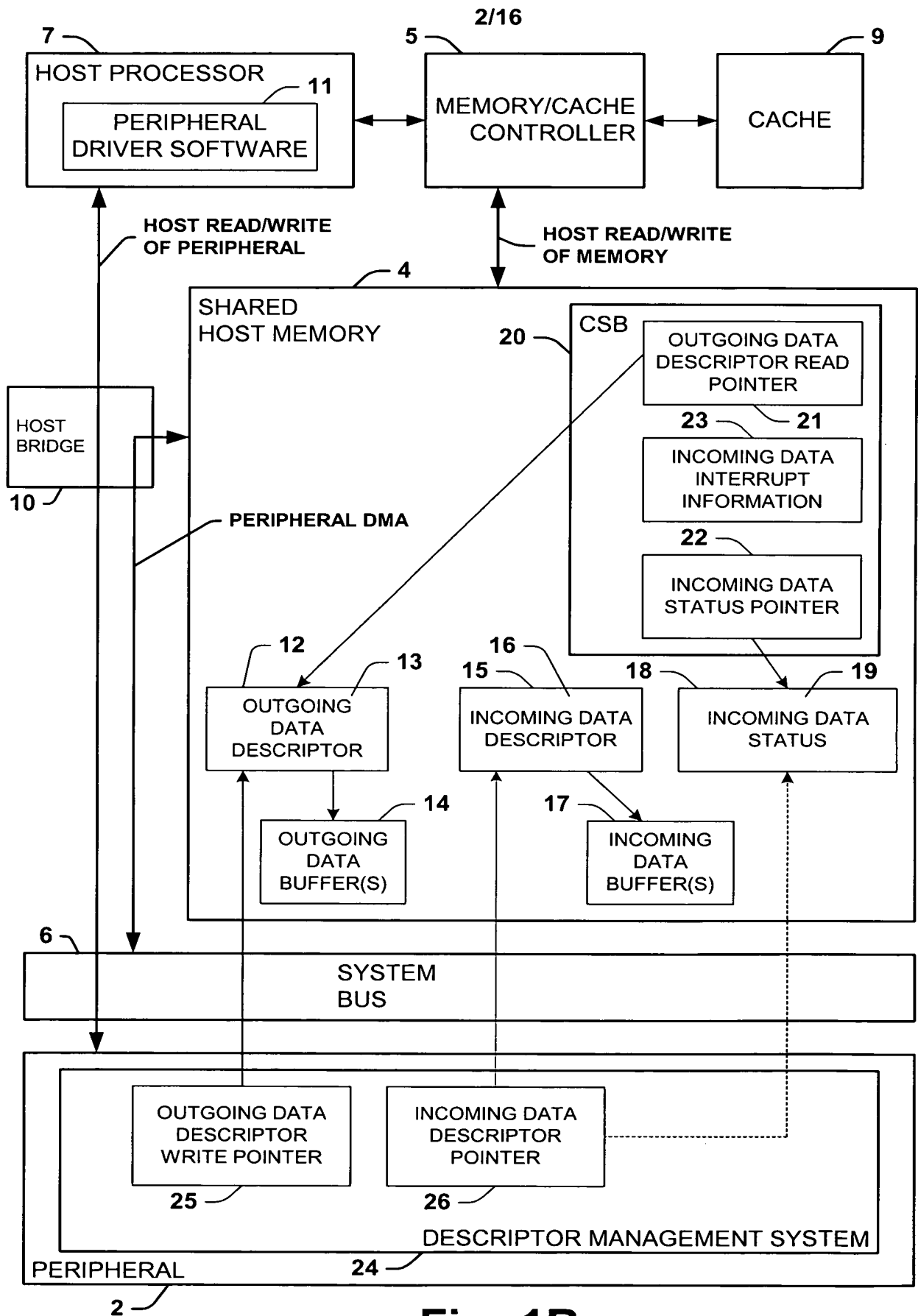
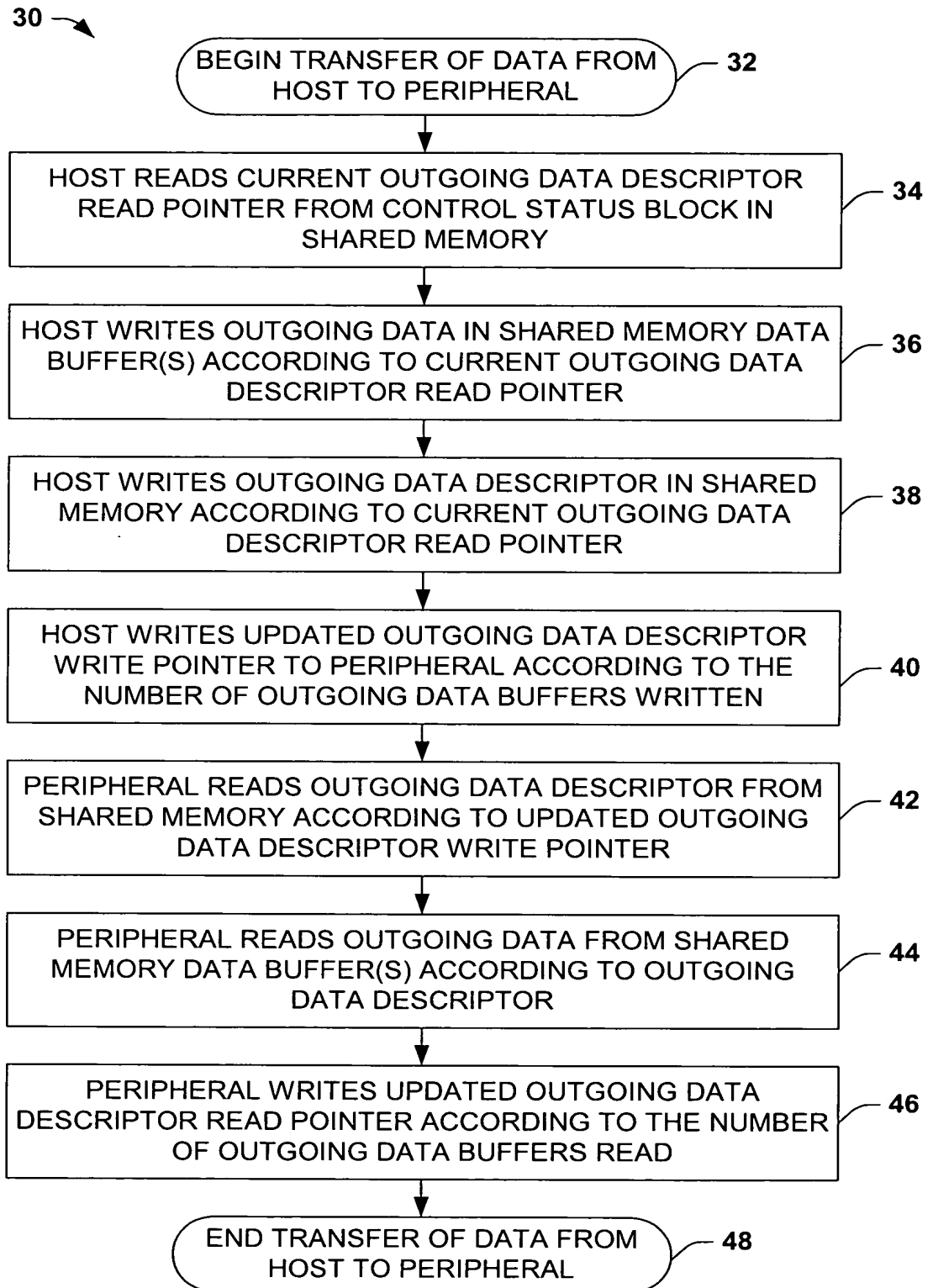
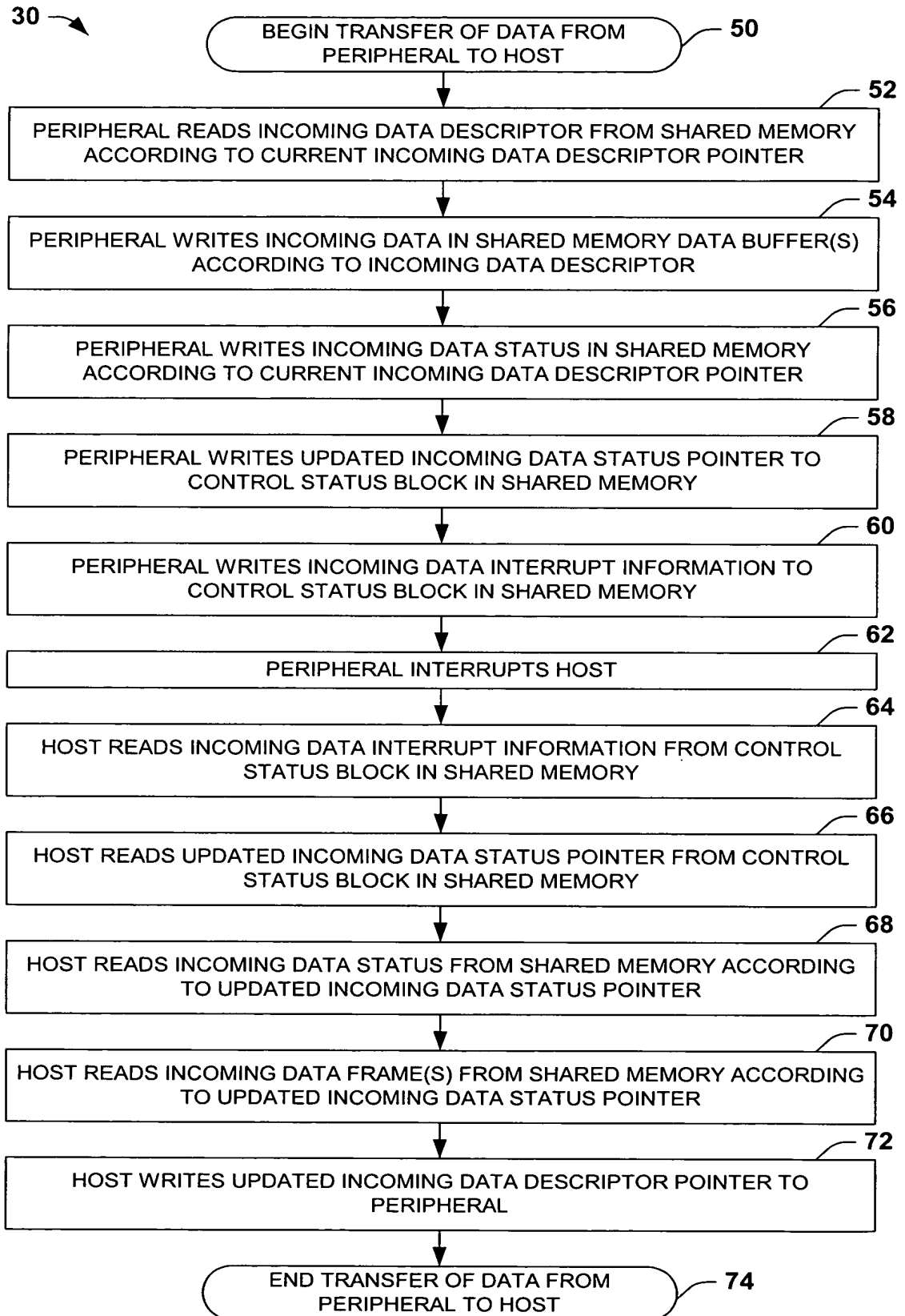
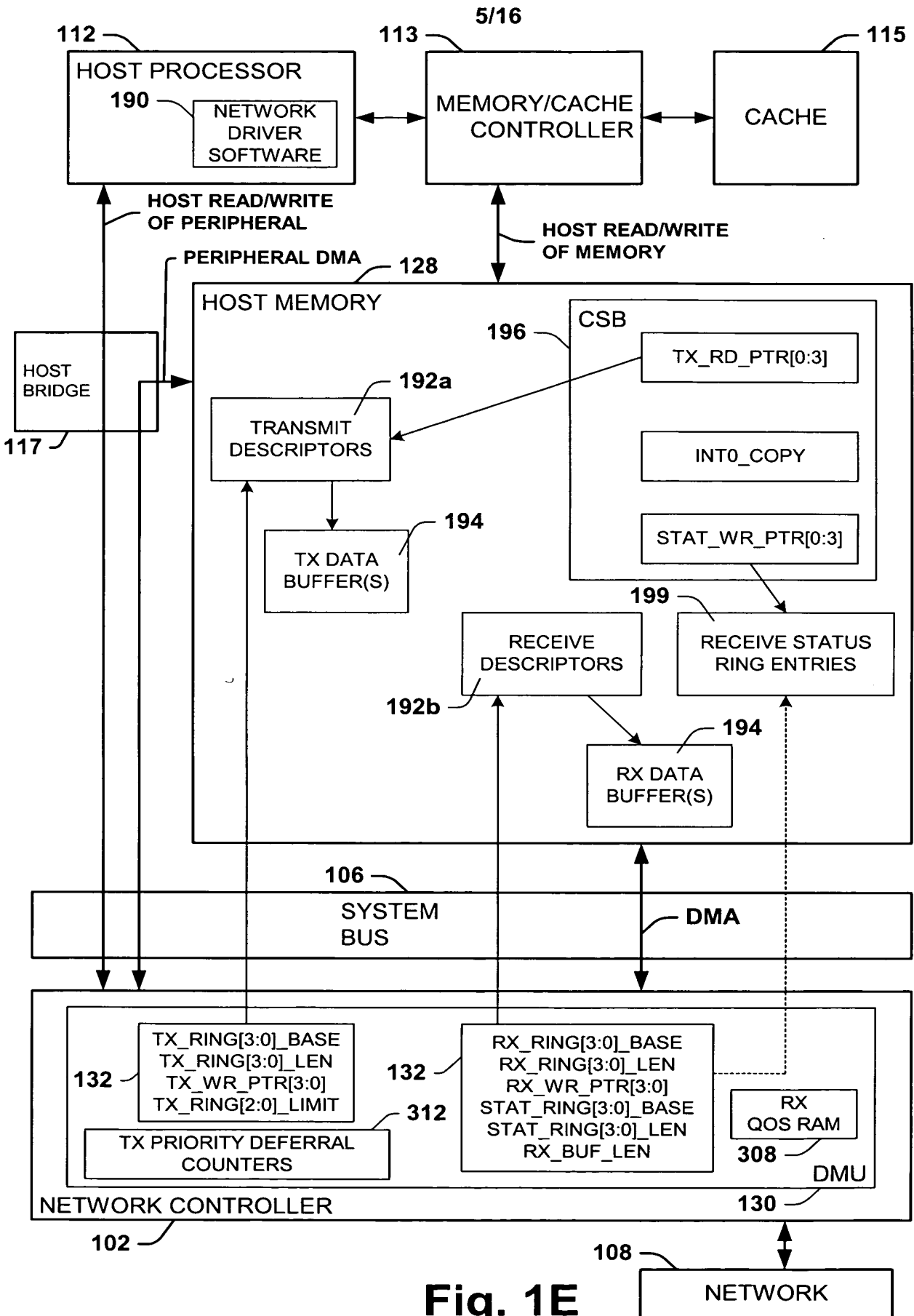
**Fig. 1A**



**Fig. 1B**

**Fig. 1C**

**Fig. 1D**



**Fig. 1E**

### Fig. 1F

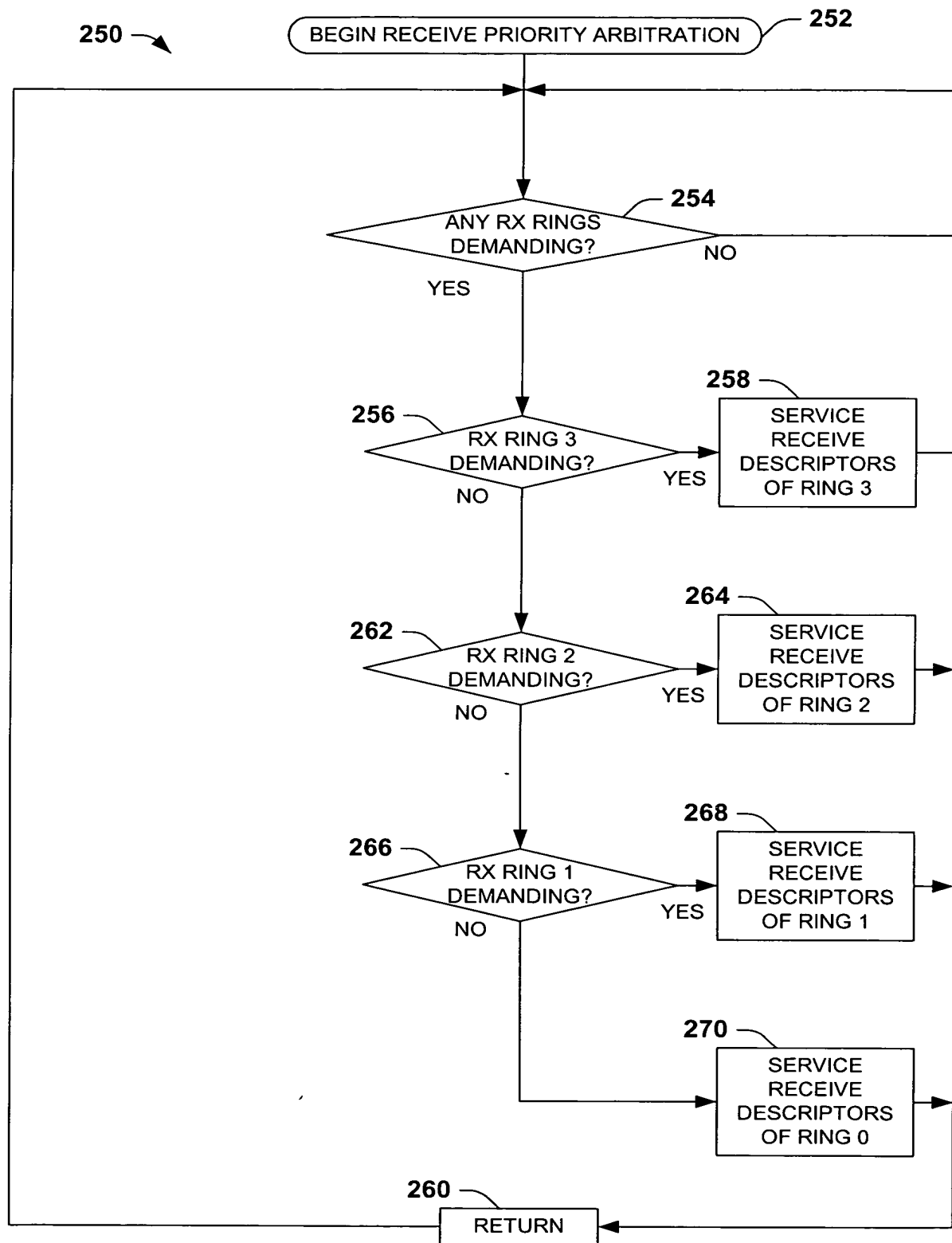
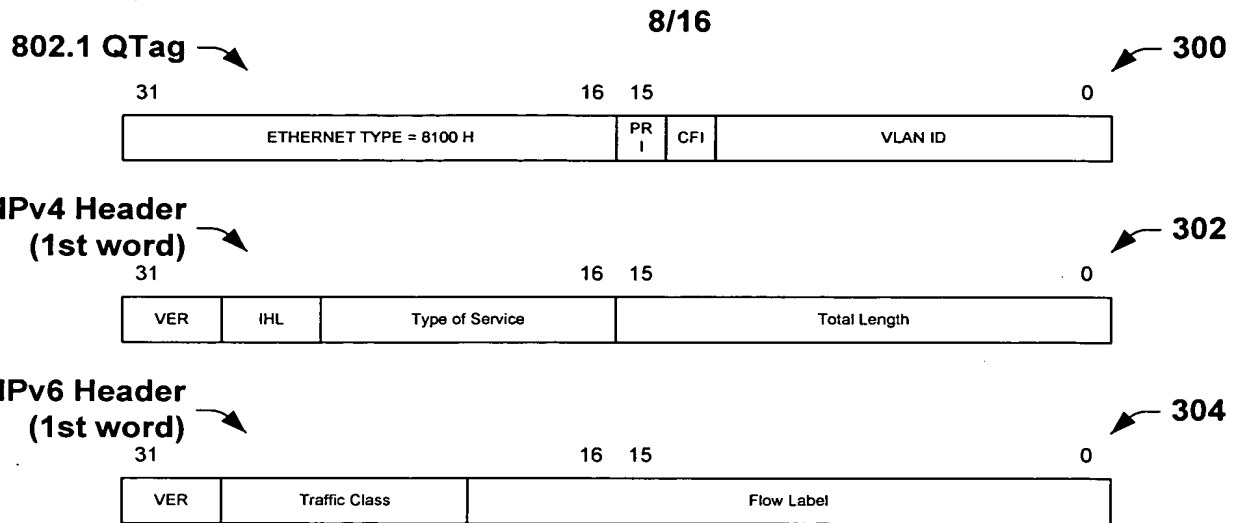


Fig. 1G

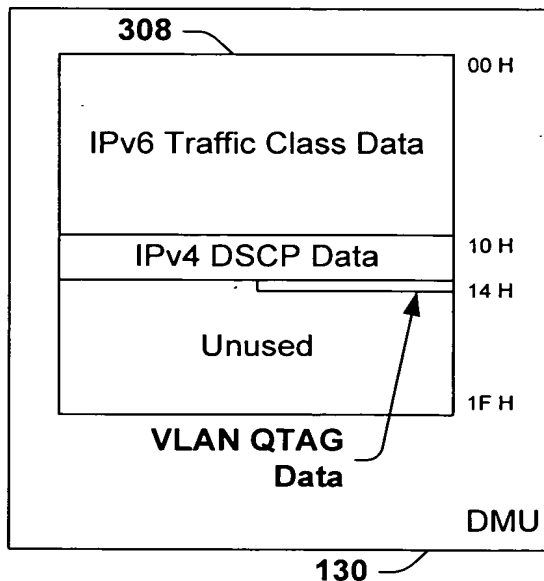


**Fig. 1H**

↖ **306**

PREF_QTAG	ALT_PRI_OK	QTAG EXISTS	IP HEADER EXISTS	PRIORITY SOURCE
1	X	YES	X	QTAG
1	0	NO	X	DEFAULT REGISTER
1	1	NO	YES	IP HEADER
X	X	NO	NO	DEFAULT REGISTER
0	X	X	YES	IP HEADER
0	0	X	NO	DEFAULT REGISTER
0	1	YES	NO	QTAG

**Fig. 1I**

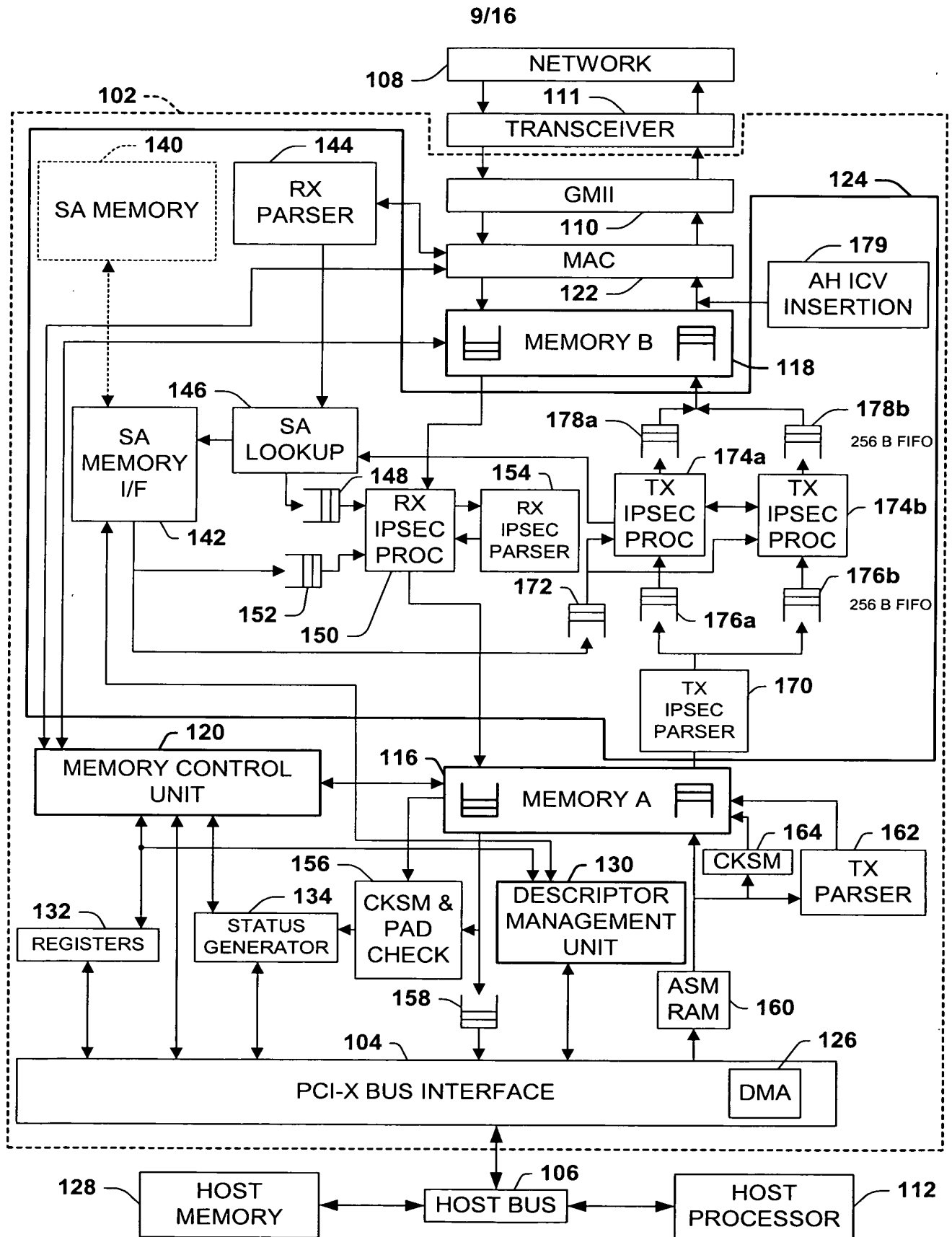


**Fig. 1J**

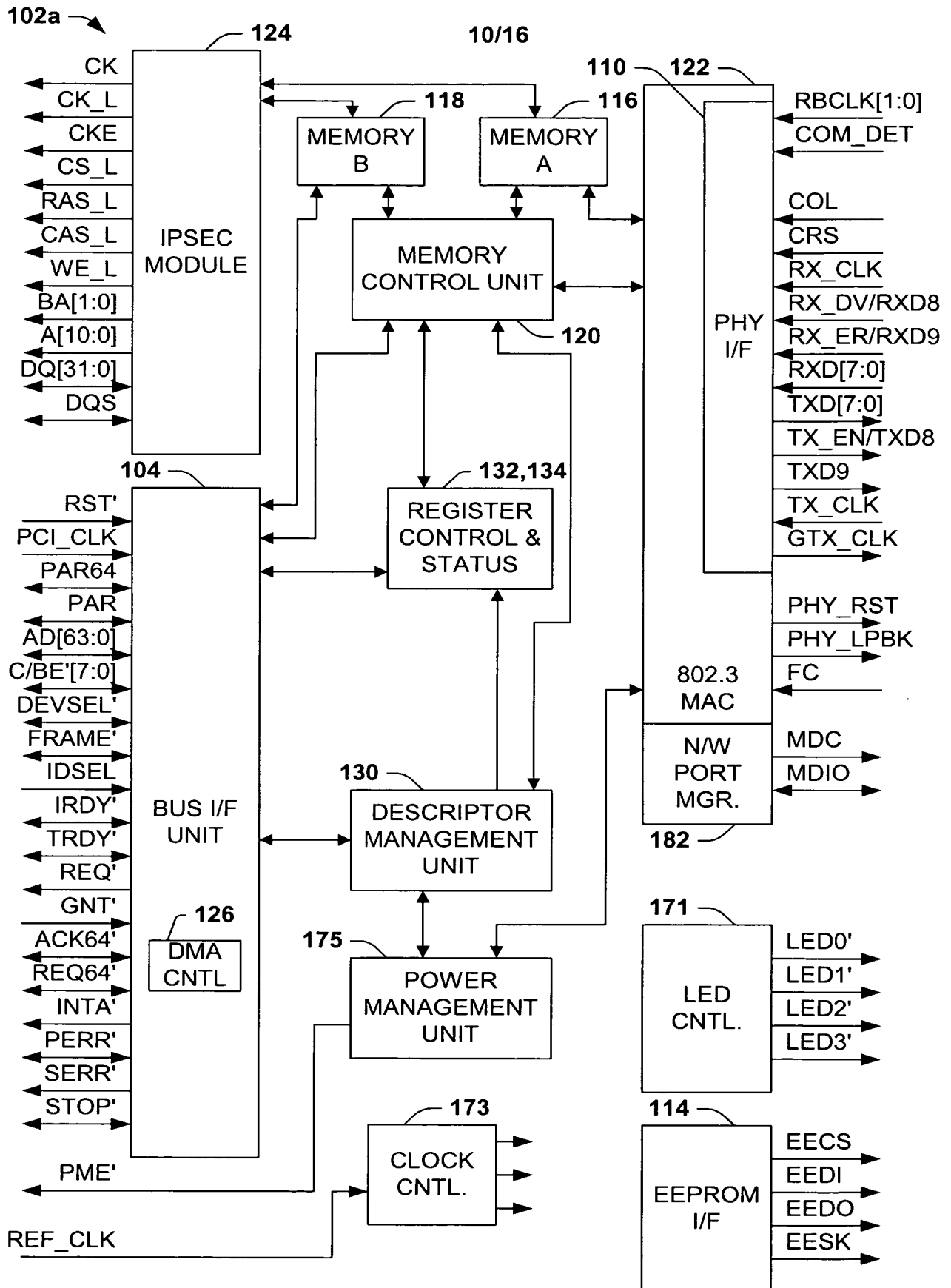
PRIORITY SOURCE	VALUE	RAM ADDRESS	BITS
Traffic Class	00 H	00 H	1:0
Traffic Class	0F H	00 H	31:30
Traffic Class	10 H	01 H	1:0
Traffic Class	F0 H	0F H	1:0
DSCP	30 H	13 H	1:0
DSCP	3F H	13 H	31:30
QTAG PRIORITY	0	14 H	1:0
QTAG PRIORITY	7	14 H	15:14

**Fig. 1K**

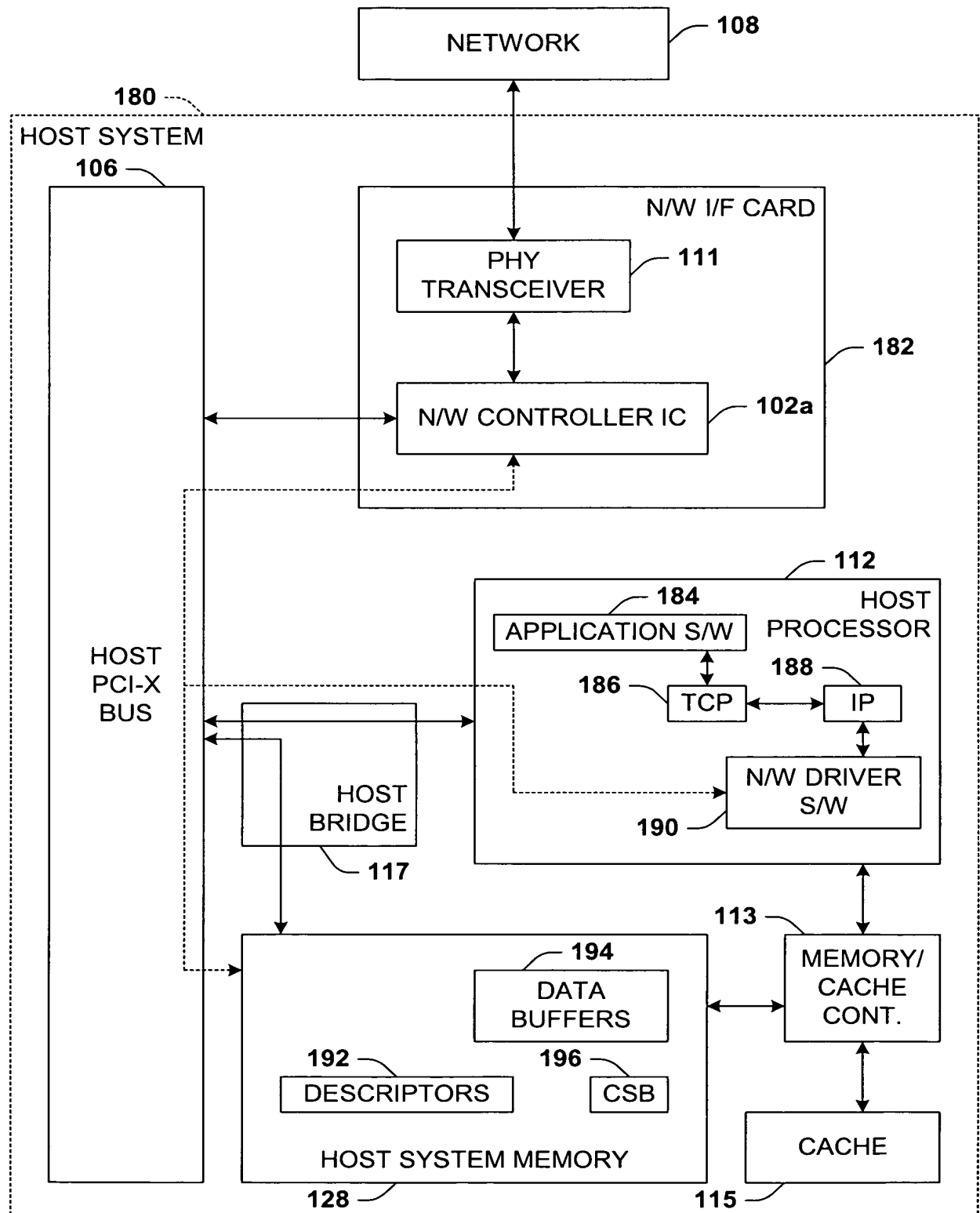




**Fig. 2**



**Fig. 3**

**Fig. 4**

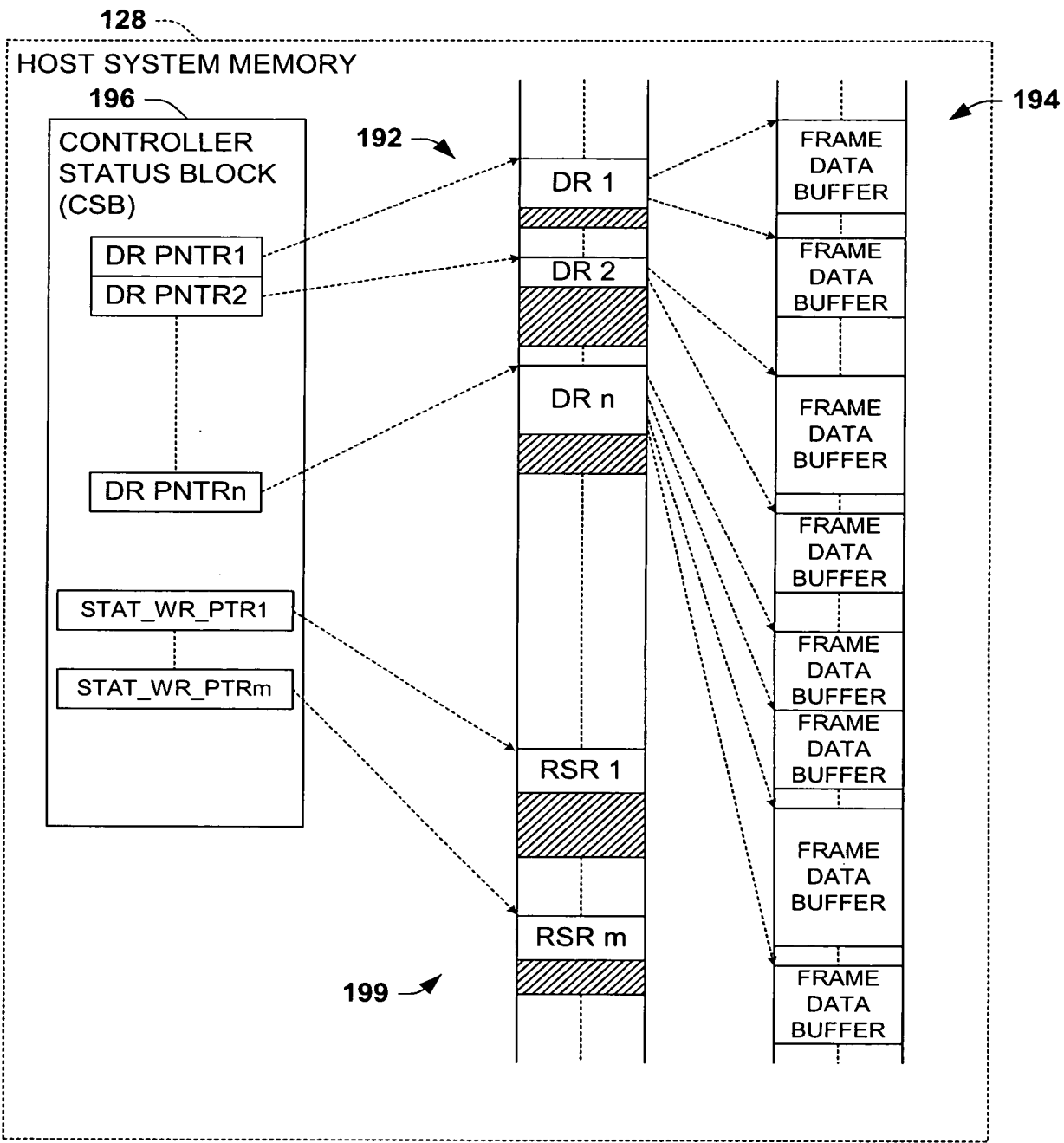
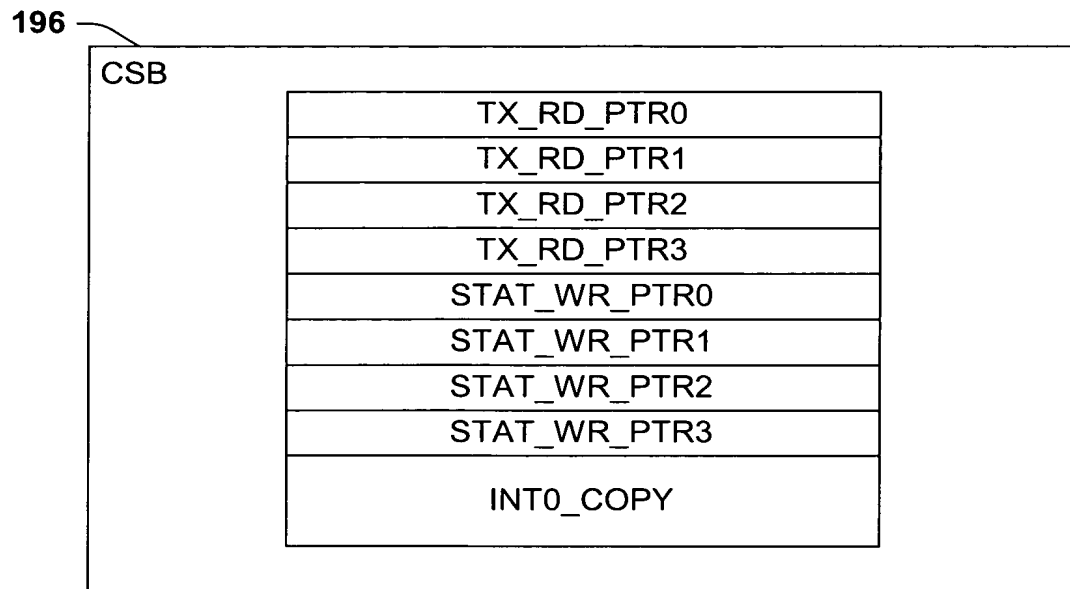
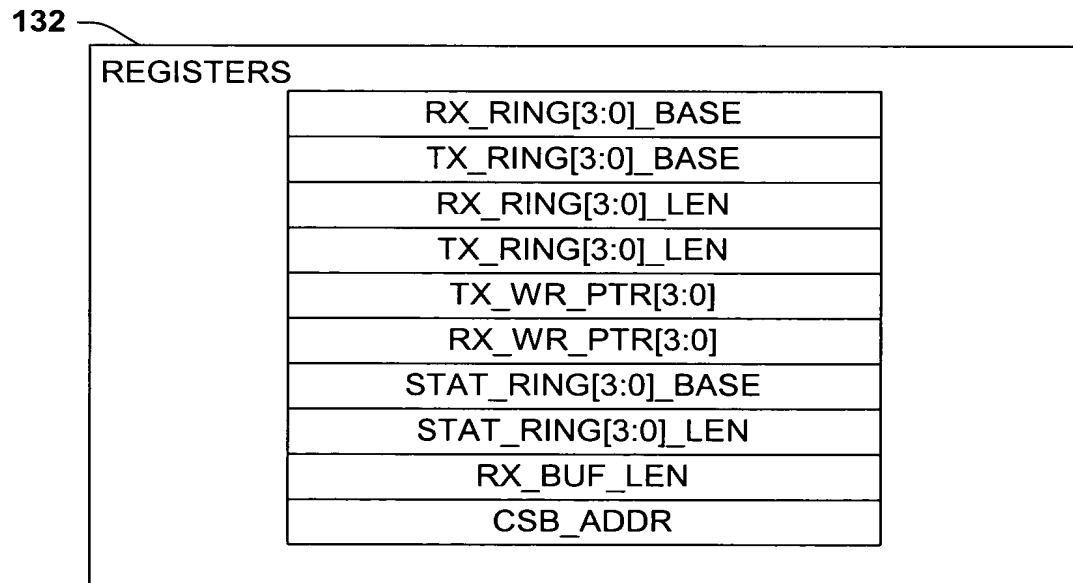
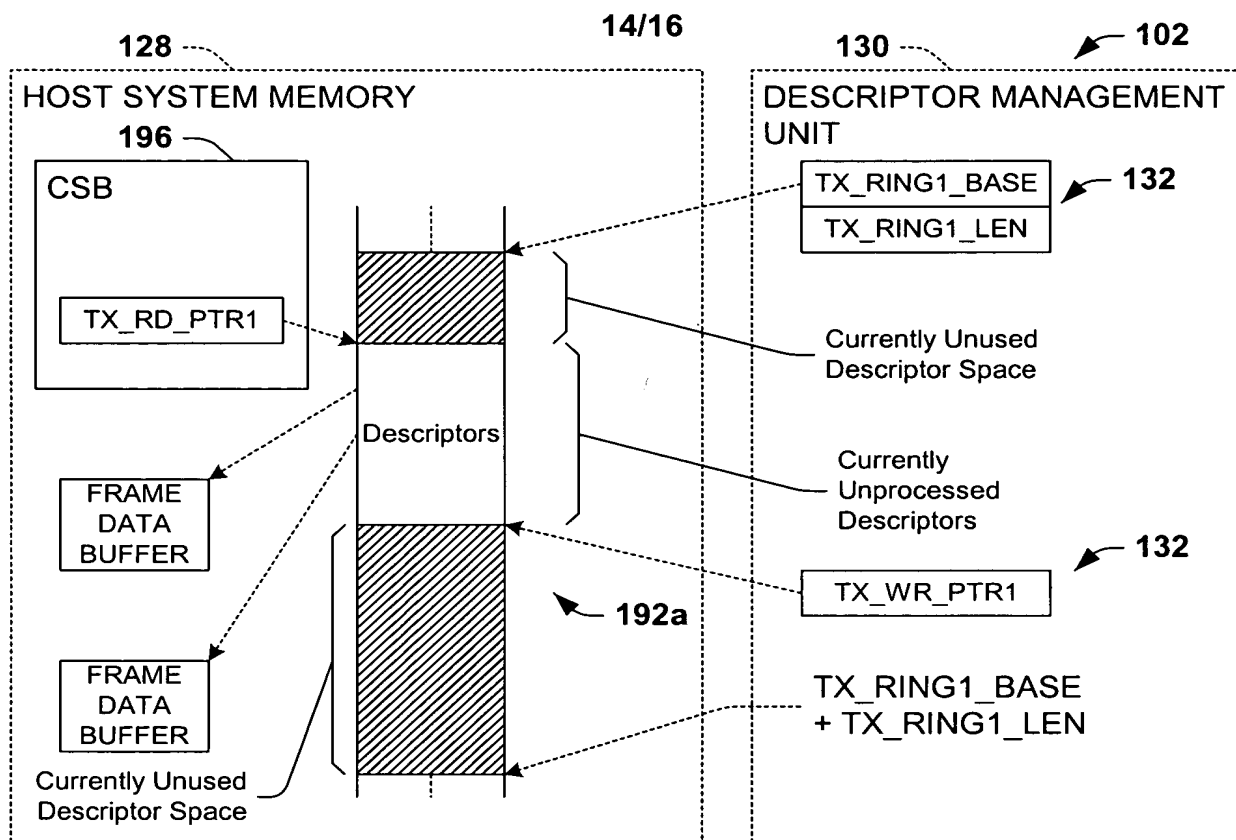
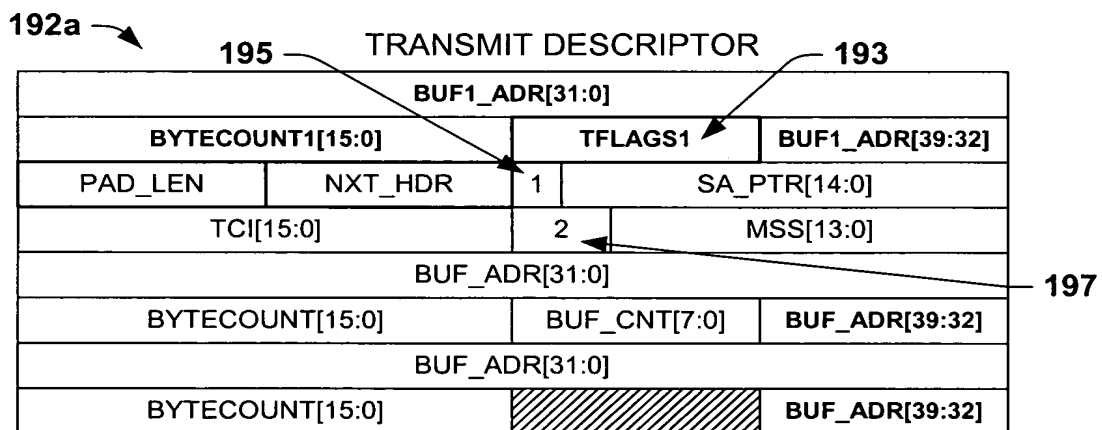


Fig. 5A

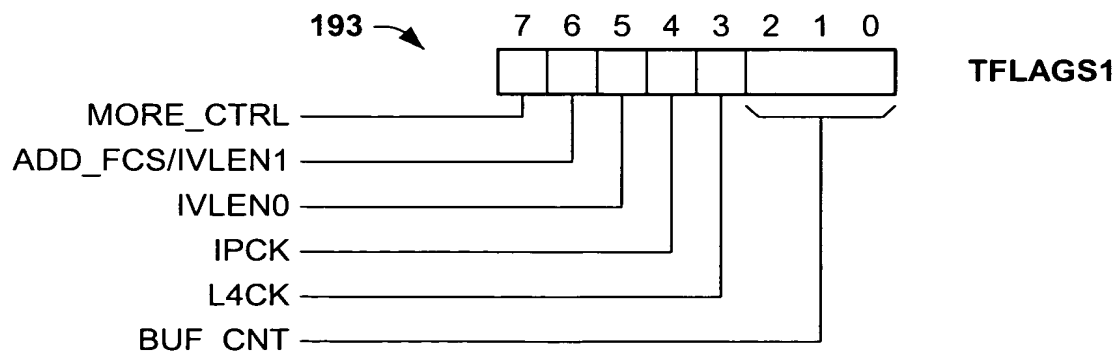
**Fig. 5B****Fig. 5C**



**Fig. 5D**



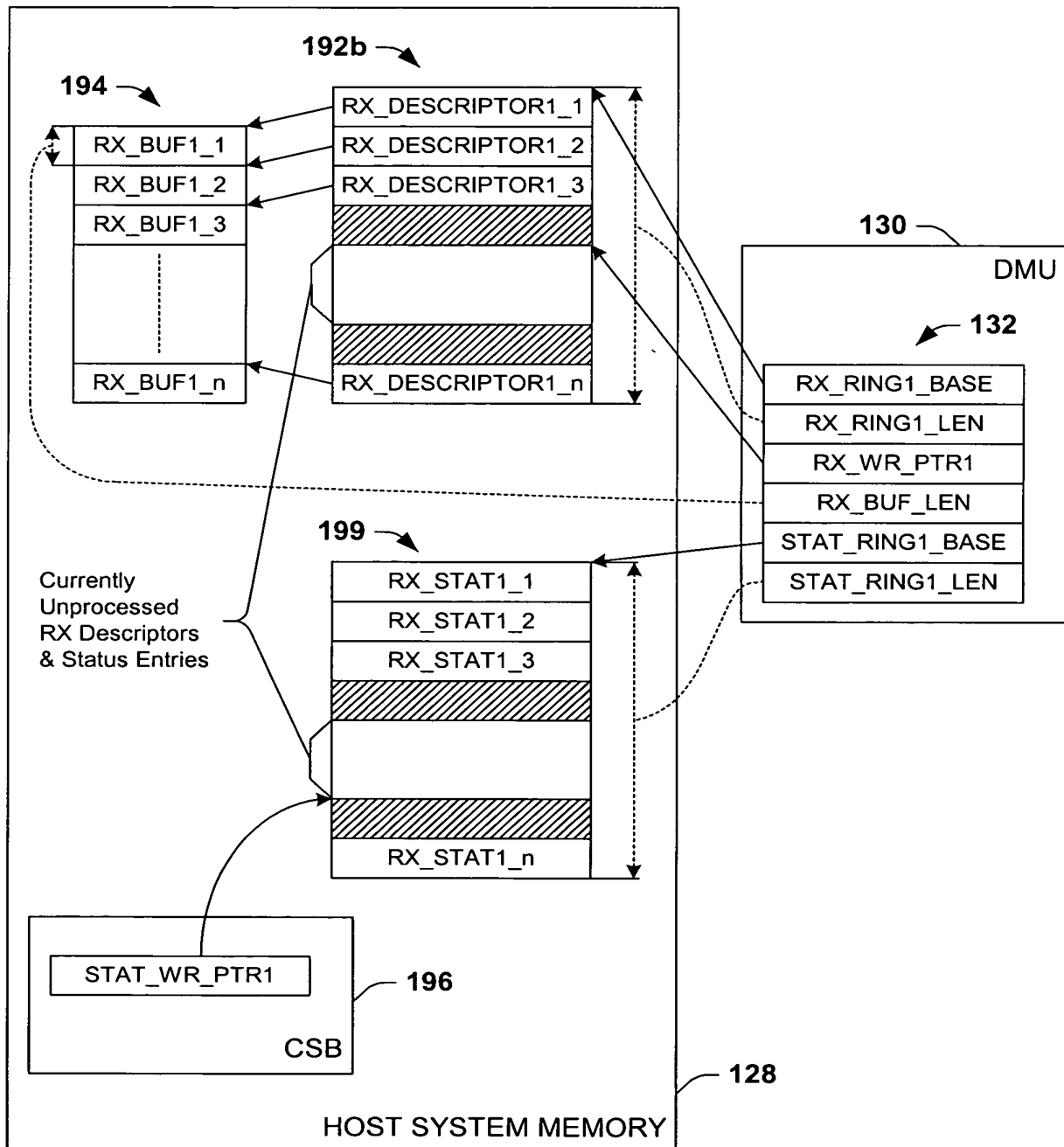
**Fig. 5E**



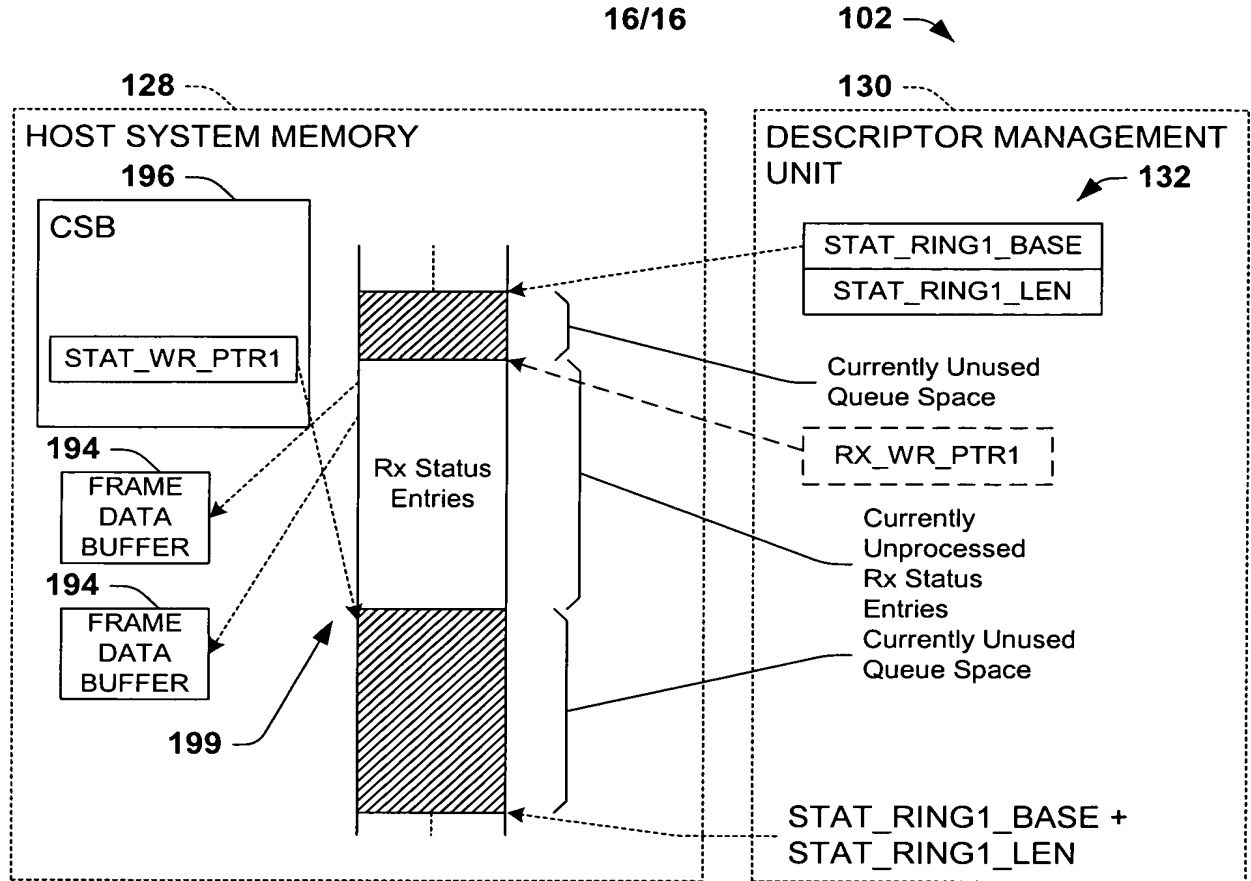
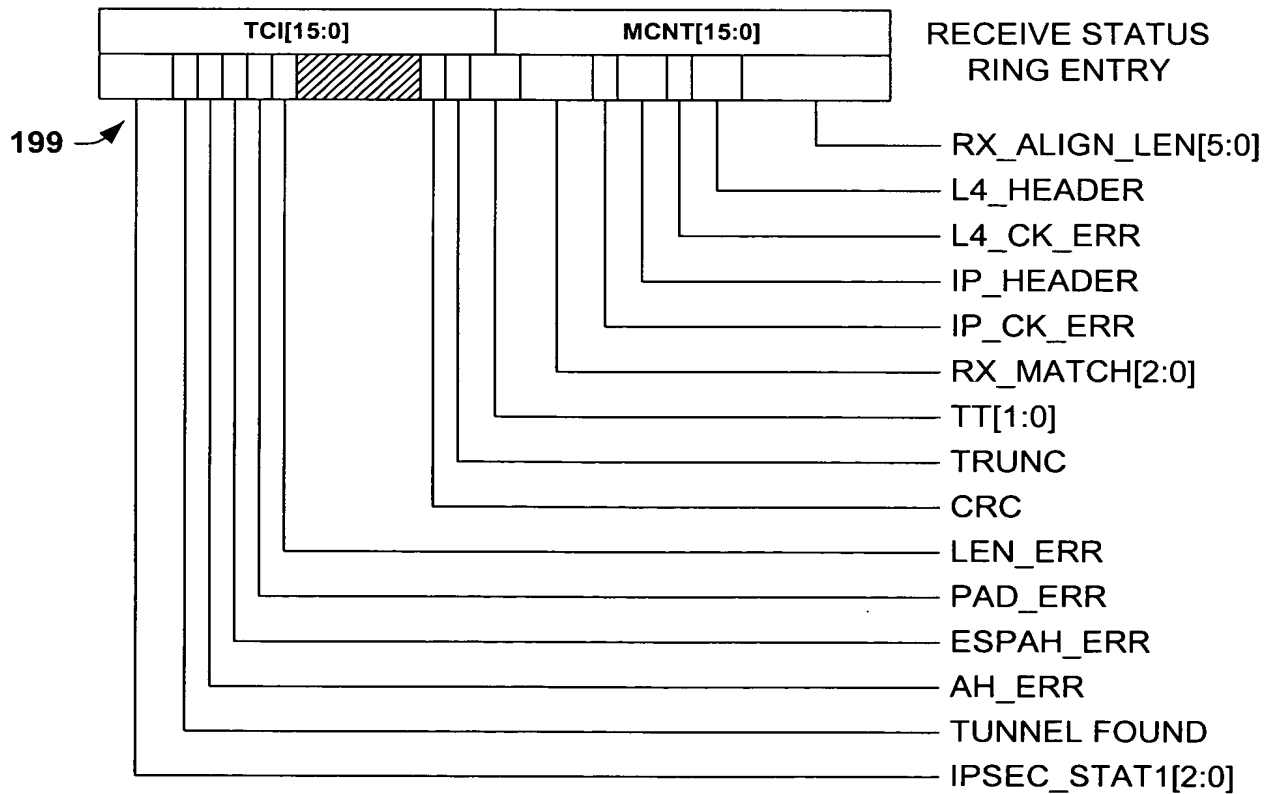
**Fig. 5F**

BUF_ADR[31:0]		
RES	BUF_MULT[7:0]	BUF_ADR[39:32]

**Fig. 5G**



**Fig. 5H**

**Fig. 5I****Fig. 5J**